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# ALFRETON URBAN DISTRICT.



# ANNUAL REPORT

Of Medical Officer of Health and  
Chief Sanitary Inspector

For Year 1940.

To which is added certain details  
by the Surveyor for the same Year.

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SYDNEY O. BINGHAM, M.R.C.S., L.R.C.P.,  
Medical Officer of Health.

CHARLES TINGLE, C.R.S.I., M.S.I.A.,  
Chief Sanitary Inspector.

R. F. WARD, M.I.M.C.E.,  
Surveyor and Water Engineer.



The Urban District Council of Alfreton.

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# ANNUAL REPORT.

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## Public Health Committee :

COUNCILLOR J. C. KITTS (Chairman).

Members : All the Members of the Council.

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## PUBLIC HEALTH DEPARTMENT.

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### Medical Officer of Health :

\*DR. S. O. BINGHAM, M.R.C.S., L.R.C.P.

### District Medical Officer under the Poor Law Acts, and Public Vaccinator :

DR. W. J. PHILLIPS.

### Chief Sanitary Inspector and Cleansing Superintendent :

\*CHARLES TINGLE, C.R.S.I., M.S.I.A.

(*Cert. for Meat and Food Inspection*).

### Additional Sanitary Inspector :

\*E. MERCER, CERT. R.S.I. AND S.I.E.J.B., M.S.I.A.

(*Cert. for Meat and Food Inspection*).

### Shops Act Inspector :

G. HOLLINGSWORTH.

### Clerk :

B. F. VARLEY.

### Disinfector, &c. :

T. BURNHAM.

\*Exchequer grant Contribution to Salary.



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# Annual Report of the Medical Officer of Health For the Year 1940.

Public Health Department,  
Cornhill House,  
Alfreton.

October, 1941.

To the Chairman and Members of the Urban District Council  
of Alfreton.

Ladies and Gentlemen,

I have the honour to present to you my Annual Report for the year 1940, and those of the Chief Sanitary Inspector and Surveyor.

The Report is presented under the following headings:—

- Section A.—Statistics and Social Conditions;
- „ B.—General Provision of Health Services for the Area;
- „ C.—Sanitary Circumstances of the Area;
- „ D.—Housing;
- „ E.—Inspection and Supervision of Food;
- „ F.—Prevalence of, and control over, Infectious and other Diseases.

A report of work done under the Factories Act, 1937, is also included.

## SECTION A. Statistics and Social Conditions.

Registrar General's estimate of resident population mid-1940: 20,990.

Area in acres: Land, 4,947; Water, 49; Total, 4,996.

Number of inhabited houses according to Rate Book, 6,192.

Rateable Value: Alfreton, £88,200; Codnor Park, £3,355; Total, £91,555.

Sum represented by a Penny Rate, £354 (Net).

### Vital Statistics.

		For Infant Mortality, etc.		For Birth Rate.	
		M.	F.	M.	F.
Live Births—	Total ...	160	152	156	151
	Legitimate ...	154	144	150	142
	Illegitimate ...	6	8	6	9
Still Births—	Total ...	5	6	5	6
	Legitimate ...	5	6	5	6
	Illegitimate ...	0	0	0	0

			M.	F.	Total.
Deaths, all ages ...	...	...	131	115	246
Deaths, under one year:					
Total	...	...	11	10	21
Legitimate	...	...	10	9	19
Illegitimate	...	...	1	1	2

A.—Birth rate per 1,000 of the estimated resident population, 14.62.

B.—Still births per 1,000 (live and still births), 35.22.

C.—Death rate per 1,000 of the estimated resident population, 11.72.

Deaths from puerperal causes (Headings 29 and 30 of the Registrar General's Short List):—

	Deaths.	Rate per 1,000 total (live and still) births.
No. 29.—Puerperal Sepsis	...	○
No. 30.—Other puerperal causes	○	○
Total	...	○

Death rate of infants under one year of age:—

All Infants, per 1,000 live births	...	...	...	...	...	67.30
Legitimate Infants, per 1,000 legitimate births	...	...	...	...	...	61.09
Illegitimate Infants, per 1,000 illegitimate births	...	...	...	...	...	142.87

Total Deaths—Legitimate	...	...	...	...	...	19
Illegitimate	...	...	...	...	...	.2

Deaths from Cancer (all ages)	...	...	...	...	...	32
,, Measles (all ages)	...	...	...	...	...	1
,, Whooping Cough (all ages)	...	...	...	...	...	5
,, Diarrhoea (under two years of age)	...	...	...	...	...	1

The birth rate has risen from 14.47 in 1939 to 14.62 in 1940.

The crude death rate has fallen from 12.08 in 1939 to 11.72 in 1940.

The infant death rate has risen from 61.11 in 1939 to 67.30 in 1940. This increase is due to the Death Rate of Illegitimate children.

The number of live births has fallen from 314 in 1939 to 312 in 1940.

The number of deaths under one year has risen from 19 to 21; of these the cause of death in 14 cases was premature birth, congenital malformation or infant disease.

The population is estimated to have fallen from 21,760 to 20,990.

### Social Conditions of the Area.

#### Chief Industries:—

Coal Mining (this is the chief industry);  
 Iron Foundries;  
 Chemical Works (gas tar, etc.);  
 Agriculture;  
 Railways;  
 Textile, Hosiery, etc.

The absence of those of the population who are in the Services, and the presence of units of the Army in the District, has not had any obvious effect upon the social conditions of the area hitherto, nor have war-time conditions adversely affected the general standard of health.

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### SECTION B.

#### General Provision of Health Services for the Area.

- (a) Laboratory facilities. These are supplied by the County Council.
  - (b) Ambulance facilities. No change has been made during the year.
  - (c) Nursing in the home. No change has been made during the year.
  - (d) The Clinic and Treatment Centres. These, the Ante-Natal Clinic, Child Welfare, etc., are in charge of the County Council Staff.
  - (e) Hospitals. Those available are the same as in previous years, but the accommodation in all is restricted owing to the presence of the Armed Forces.
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### SECTION C.

#### Sanitary Circumstances of the Area.

- 1.—Water, drainage, sewerage. Details are given in the Surveyor's Report included in this Report.
- 2.—Pollution.
- 3.—(1) Closet accommodation;  
 (2) Public Cleansing;  
 (3) Sanitary inspection of the area;  
 (4) Shops and offices;  
 (5) Camping sites;  
 (6) Smoke abatement;  
 (7) Swimming baths and pools;  
 (8) Eradication of bed bugs.

Details of the above services are found in the Chief Sanitary Inspector's Report.

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## SECTION D. Housing.

Information on this subject will be found in the Surveyor's and Chief Sanitary Inspector's Reports.

### Housing Statistics.

See Sanitary Inspector's Report.

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## SECTION E. Inspection and Supervision of Food.

See Sanitary Inspector's Report.

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## SECTION F.

### Prevalence of, and control over, Infectious and other Diseases.

Scarlet Fever.—25 cases. (67 in 1939).

Diphtheria.—31 cases. (41 in 1939).

Puerperal Pyrexia.—2 cases. (7 in 1939).

Erysipelas.—6 cases. (8 in 1939).

All show a diminution.

In common with the rest of the country, there was an epidemic of Measles, 653 cases being notified. So mild was the type that only one death resulted. There were also some 30 cases of German Measles.

Pneumonia.—29 cases (21 in 1939), 5 deaths (8 in 1939). The effect of modern treatment is not very obvious in these figures; perhaps the casual micro-organisms were not of those against which the new remedies are effective.

Cerebro Spinal Fever.—27 cases (0 in 1939), 6 deaths. A considerable proportion occurred among the troops in the district. The epidemic disappeared towards the latter part of the year.

No action was taken under Section 176 of the Public Health Act, 1936, for the prevention of blindness, or for the treatment of persons suffering from any disease or injury to the eyes.

### Infectious Diseases.

#### Cases (other than Tuberculosis) notified during 1940.

			Notified.	Removed to Hospital.	Deaths.
Small Pox	...	...	0	0	0
Scarlet Fever	...	...	25	25	0
Diphtheria	...	...	31	31	2
Enteric (Typhoid) Fever	...	...	1	1	0
Puerperal Pyrexia	...	...	2	0	0
Cerebro-Spinal Fever	...	...	27	24	6
Erysipelas	...	...	6	0	0
Other diseases—					
Acute Polio-Myelitis	...	...	1	1	1
Pneumonia	...	...	29	0	5
Measles	...	...	65	0	1
Whooping Cough	...	...	17	0	0
	...		792	82	15

#### Cases of Notifiable Diseases at varying ages during 1940.

##### AGE GROUPS.

Disease.	Years—Under 1    1    2    3    4    5    10    15    20    35    45    65    Ttl.												
	Small Pox	...	0	0	0	0	0	0	0	0	0	0	0
Scarlet Fever	...	0	0	0	0	11	7	3	2	0	1	0	25
Diphtheria	...	0	0	0	0	18	7	3	2	0	1	1	31
Enteric Fever, including Para-Typhoid	0	0	0	0	0	0	0	0	1	0	0	0	1
Puerperal Pyrexia	0	0	0	0	0	0	0	2	0	0	0	0	2
Pneumonia	...	3	4	2	2	1	1	1	8	2	2	2	29
Other diseases generally notifiable—													
Whooping Cough	...	1	3	2	4	4	3	0	0	0	0	0	17
Cerebro-spinal Fever	1	2	2	1	0	1	2	3	6	2	6	1	27
Erysipelas	...	0	0	0	0	0	0	0	0	0	4	2	6
Anterior Polio-Myelitis	0	0	1	0	0	0	0	0	0	0	0	0	1
	Under School Age.				School Age.				Over School Age.				
Measles	...	...	...	273	...	367	...	13	...	653	...	792	

### England and Wales.

#### Death Rates from Tuberculosis and Cancer and Maternal Mortality, 1940.

Provisional death rates per million population for England and Wales during the year 1940 are as follows:—

	Males.	Females.	Persons.
Respiratory Tuberculosis	...	749	450
Other Tuberculosis	...	125	97
Cancer	...	1,807	1,645
			1,719

The maternal mortality (provisional) per 1,000 total births based on deaths primarily classed to diseases of pregnancy, childbirth and the puerperal state as arranged in the Manual of the International List (5th revision) is as follows:—

No. 140.—Post-abortive infection	...	...	...	0.25
No. 141.—Abortion without mention of septic conditions				0.18
No. 147.—Infection during childbirth and the puerperium				0.54
Nos. 142-146,				
148-150.—Other maternal causes	...	...	...	1.64

### Factories Act, 1937.

1.—Inspection of Factories, Workshops and Workplaces, including inspections made by the Sanitary Inspectors:—

		No. of Written Occupiers	No. of Inspections.	No. of Notices.	No. of Prosecuted
Factories					
(including Factory Laundries)	72	1	○		
Workshops					
(including Workshop Laundries)	32	○	○		
Workplaces					
(including Outworkers' Premises)	22	○	○		
	—	—	—		
	126	1	○		

2.—Defects found in Factories, Workshops and Workplaces. Nuisances under the Public Health Acts:—

	No. of Defects found.	No. of Defects remedied.	Returned to H.M. Inspector.	Prosec- tutions.
Want of cleanliness	1	1	○	○

Outwork in Unwholesome Premises:—

	Nature of Work.	Instances.
Wearing apparel making	...	...
Lace, lace curtains and nets	...	...
Total	...	38

SYDNEY O. BINGHAM,

Medical Officer of Health.

ALFRETON URBAN DISTRICT.

Causes of Death (Civilians only)					Males.	Females.	Total.
All Causes	...	...	...	...	131	115	146
1 Typhoid and Paratyphoid Fevers	...	...	...	...	—	—	—
2 Measles	...	...	...	...	1	—	1
3 Scarlet Fever	...	...	...	...	—	—	—
4 Whooping Cough	...	...	...	...	—	—	—
5 Diphtheria	...	...	...	...	1	1	2
6 Influenza	...	...	...	...	5	4	9
7 Encephalitis Lethargica	...	...	...	...	1	—	1
8 Cerebro-spinal Fever	...	...	...	...	4	2	6
9 Tuberculosis of Respiratory System	...	...	...	...	5	3	8
10 Other Tuberculous Diseases	...	...	...	...	1	2	3
11 Syphilis	...	...	...	...	—	—	—
12 Acute Polio Mylitis and Encephalitis	...	...	...	...	—	1	1
13 Cancer, Malignant Disease	...	...	...	...	17	15	32
14 Diabetes	...	...	...	...	—	1	1
15 Cerebral Haemorrhage, &c.	...	...	...	...	11	14	25
16 Heart Disease	...	...	...	...	27	31	58
17 Aneurysm	...	...	...	...	—	—	—
18 Other Circulatory Diseases	...	...	...	...	5	—	5
19 Bronchitis	...	...	...	...	14	6	20
20 Pneumonia (all forms)	...	...	...	...	2	3	5
21 Other Respiratory Diseases	...	...	...	...	1	4	5
22 Peptic ulcer	...	...	...	...	2	1	3
23 Diarrhoea, &c. (under 2 years)	...	...	...	...	—	1	1
24 Appendicitis	...	...	...	...	—	—	—
25 Cirrhosis of Liver	...	...	...	...	—	—	—
26 Other Diseases of Liver, etc.	...	...	...	...	—	—	—
27 Other digestive diseases	...	...	...	...	5	1	6
28 Acute and Chronic Nephritis	...	...	...	...	2	1	3
29 Puerperal Sepsis	...	...	...	...	—	—	—
30 Other puerperal causes	...	...	...	...	3	2	5
31 Premature Birth	...	...	...	...	3	2	5
32 Congenital Debility and Malformation	...	...	...	...	4	4	8
33 Suicide	...	...	...	...	2	1	3
34 Other Deaths from Violence	...	...	...	...	4	3	7
35 Road Traffic Accidents...	...	...	...	...	1	—	1
36 Causes ill-defined or unknown	...	...	...	...	13	12	25
Diarrhoea, 2 years and over	...	...	...	...	—	—	—
Deaths of Infants under 1 year	...	...	...	Total	11	10	21
"	"	"	Legitimate	10	9	19	
"	"	"	Illegitimate	1	1	2	
Live Births	{	Total	...	...	160	152	312
		Legitimate	...	...	154	144	198
		Illegitimate	...	...	6	8	14
Stillbirths	{	Total	...	...	5	6	11
		Legitimate	...	...	5	6	11
		Illegitimate	...	...	—	—	—
Population (resident)	...	...	...	20,990.			

**S.D. 55.**

Birth Rates, Death Rates, Analysis of Mortality, Maternal Mortality and Case Notes for certain Infectious Diseases in the year 1940.

{ England and Wales,  
London, 126 Great  
Towns, and 148  
Smaller Towns

(Provisional Figures based on Weekly and Quarterly Returns).

	England and Wales	126 County Boro's and Great Towns including London	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Adminis- trative County	
Rates per 1,000 Population					
<b>Births.</b>					
Live	... 14·6	16·0	15·7	13·7	
Still	... 0·55	0·64	0·55	0·44	
Deaths.					
All Causes...	... 14·3	15·8	12·8	17·8	
Typhoid and Paratyphoid Fevers	—	—	—	—	
Small Pox ...	... —	—	—	—	
Measles ...	... 0·02	0·02	0·02	0·01	
Scarlet Fever	... —	—	—	—	
Whooping Cough	... 0·02	0·02	0·02	—	
Diphtheria...	... 0·06	0·07	0·05	0·01	
Influenza ...	... 0·32	0·29	0·30	0·18	
Notifications.					
Small Pox ...	... —	—	—	—	
Scarlet Fever	... 1·63	1·53	1·57	0·82	
Diphtheria	... 1·16	1·29	1·21	0·61	
Euteric Fever	... 0·07	0·06	0·10	0·06	
Cerebro Spinal Fever	... 0·32	0·33	0·29	0·28	
Erysipelas ...	... 0·33	0·36	0·30	0·35	
Pneumonia	... 1·20	1·37	1·00	0·87	
Whooping Cough	... 1·34	1·29	1·35	0·22	
Rates per 1,000 Live Births					
Deaths under 1 year of age	55	61	54	50	
Deaths from Diarrhoea & Enteritis under 2 years of age ...	4·6	5·9	4·4	5·8	
Maternal Mortality.					
Puerperal Sepsis	... 0·77	Not available			
Others ...	2·16				
Total ...	2·93				
Rates per 1,000 Total Births (Live and Still)					
Maternal Mortality.					
Puerperal Sepsis	... 0·52	Not available			
Others ...	1·64				
Total ...	2·16				
Notifications.					
Puerperal Fever	... 11·96	13·90	9·73	3·34	
Puerperal Pyrexia	... 13·30				

## SURVEYOR'S REPORT.

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The following particulars relate to the year 1940:—

Water Supply.	Gallons.
Supplied by the Derwent Valley Water Board	... 90,974,000
Pumped from Lea Hall Borehole	... 41,115,000
"    " Lindway	... 26,772,000
"    " South Wingfield Colliery	... 32,884,000
Supplied from impounding reservoirs	... 51,299,000
	<hr/>
Total	... 243,044,000

The daily average was 664,054 gallons, or 73,827 more than the average of the year before.

The following figures relate to the year ended 30th September, 1940, and are based upon the assumption that the population supplied by the Council is 19,240. This figure is calculated from the Registrar General's Estimate:—

	Gallons per head per day.
For domestic and public purposes	... ... 23.165
For trade purposes	... ... 10.397
	<hr/>
For all purposes	... ... ... ... 33.562

As compared with the previous year, there was an increase of 1 gallon under the domestic heading, and of 1.969 gallons under the trade heading.

There were 292 meter supplies on 30th September, 1940.

### Rainfall Registered at Lindway (595 feet above sea level).

Year	1940	1939	1938	1937	1936	1935
Inches	33.34	35.74	32.35	34.07	33.34	35.29

The total rainfall last year was .81 of an inch less than the average of the previous five years. Measurable rain was recorded on 123 days. More than one inch of rain was recorded on four occasions. The wettest month was November with 6.89 inches, and the driest, August, with .58 of an inch.

### Housing.

The number of new houses built during the year was 29; 1 by the Council and 28 by private enterprise.

R. F. WARD.

# Annual Report of the Chief Sanitary Inspector.

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To the Chairman and Members of the Urban District Council  
of Alfreton.

Ladies and Gentlemen,

I have the honour to present my Annual Report on the work of your Sanitary Inspectors for the year 1940.

The Report is compiled in accordance with directions contained in a Memorandum issued by the Ministry of Health and as required by the Sanitary Officers' Order, 1926.

### Sanitary Inspection of the Area.

The sanitary improvements and repairs effected during the year are as follows:—

Defective pail closets	...	...	...	...	5
Conversion of pail closets to water closets	...				55
Conversion of 46 privies to 78 pail closets.					
Defective water closets	...	...	...	...	30
Provision of additional water closets	...				4
Provision of portable ash bins	...	...	...		474
Conversion of 263 ashpits to 434 ashbins.					
Defective drains, etc.	...	...	...	...	295
Choked drains, etc.	...	...	...	...	57
Defective pavings	...	...	...	...	63
Roofs, eaves gutters, etc.	...	...	...	...	369
Defective sinks	...	...	...	...	41
Insufficient ventilation	...	...	...	...	28
Defective windows	...	...	...	...	117
Dampness	...	...	...	...	38
Defective water supply	...	...	...	...	28
Foul condition of houses	...	...	...	...	2
Offensive accumulations	...	...	...	...	3
Animals improperly kept	...	...	...	...	1
Defective urinals	...	...	...	...	1
Nuisances not specified	...	...	...	...	1,305

The following visits were made:—

Slaughterhouses	...	...	...	...	...	104
Food preparing and retailing places	...	...	...	...	...	502
Butchers' shops	...	...	...	...	...	590
Offensive trades	...	...	...	...	...	11
Interviews	...	...	...	...	...	354

Visits to works in progress	...	...	...	721
,, " factories with mechanical power	...	...	...	72
,, " " non-mechanical power	...	...	...	32
,, " workplaces	...	...	...	22
Nuisances visited	...	...	...	1,867
abated	...	...	...	906
Housing inspections	...	...	...	62
Houses made fit	...	...	...	33
Infectious diseases visited	...	...	...	91
Premises disinfected	...	...	...	86
Dairies, etc., visited	...	...	...	54
Visits to petrol and carbide stores	...	...	...	38
,, " common lodging houses	...	...	...	1
,, " entertainment places	...	...	...	57
Drains tested by water, colour or smoke	...	...	...	179
Visits to bakehouses	...	...	...	33
,, re overcrowding	...	...	...	10
Smoke observations	...	...	...	5
Miscellaneous visits	...	...	...	2,650
Houses made fit under Housing Acts	...	...	...	44
,, " Public Health Acts	...	...	...	223
Houses demolished	...	...	...	2
New cowsheds	...	...	...	1
New dairies	...	...	...	1

### Meat and Other Foods.

Animals inspected:—

Bullocks	...	...	...	...	...	5
Cows	...	...	...	...	...	59
Pigs	...	...	...	...	...	145
Sheep	...	...	...	...	...	174

Meat and other foods condemned during the year:—

					lbs.
1 Beast and all organs	...	Generalised	T.B.	...	588
1 " " "	...	"	"	...	580
1 " " "	...	T.B.	"	...	570
54 beasts' heads	...	...	...	...	174
9 sets beast's lungs	...	...	...	...	108
4 beasts' hearts	...	...	...	...	32
6 sets beasts' fats	...	...	...	...	120
1 beast's liver	...	...	...	...	20
1 " " " " " abscesses	...	...	...	...	20
1 " " " " angioma	...	...	...	...	20
1½ " " " " distoma	...	...	...	...	28
1 " brisket	...	...	T.B.	...	4
1 " skirt	...	...	decomposition	...	6

1 pig and all organs ...	...	bruising	...	...	...	115
3 pigs' plucks ...	...	T.B.	...	...	...	24
7 " heads ...	...	"	...	...	...	121
2 sheeps' plucks	...	strongylus	...	...	...	24
1 " liver ...	...	distoma	...	...	...	3
Bacon ...	...	decomposition	...	...	...	19 <sup>3</sup> <sub>4</sub>
470 tins of food	...	"	...	...	...	604 <sup>1</sup> <sub>4</sub>
						—
						3,181

Total: 1 ton, 8 cwts., 1 qr., 17 lbs.

The supervision and inspection of animals killed for food was taken over by the Ministry before the completion of the year.

As an offset to the reduction in the work of inspecting animals killed, the registration of all food preparing places, including fish friers and ice cream premises, became law, necessitating frequent inspection of these premises to secure a higher standard of cleanliness than that hitherto prevailing, and, of course, requiring a much greater amount of time being spent doing so because the premises of butchers had still to be visited for the reason that sausage and small delicacies are still made on their premises.

#### Food and Drugs Adulteration Act, 1938.

The following information is obtained by the courtesy of the County Analyst:—

208 samples, including 71 samples of milk, were taken during the year. Two of the milk samples were classed as adulterated. One contained 2% of extraneous water and the vendor was cautioned. One sample was found to contain 10% extraneous water, and proceedings were taken, but the case was dismissed.

Of the 137 samples other than milk, 4 were of slightly inferior quality, and caution notices were sent to the vendors concerned.

#### COSTINGS REPORT ON SERVICES.

The increase of wages is the cause of the increased cost of the services. The leasing of the farm and changes in the stables are also responsible for differences in the various accounts.

#### Stables Account.

						£	s.	d.
Shoeing	...	...	...	...	...	14	18	0
Fodder	...	...	...	...	...	58	18	0
Gas	...	...	...	...	...	6	12	5

Veterinary surgeon's fees...	...	...	4	1	0
Drivers' wages ...	...	...	26	0	0
Income Tax ...	...	...	6	6	9
Water Rates ...	...	...	2	4	2
Tools and Sundries ...	...	...	0	14	10
<hr/>			<hr/>		
1939:—£209 3s. 1d.			£119	15	10

#### Cart and Harness Repairs.

			£	s.	d.
Cart Repairs ...	...	...	11	0	6
Harness Repairs ...	...	...	2	5	6
<hr/>			<hr/>		
1939:—£13 18s. od.			£13	6	0
			£	s.	d.
Cost of horsekeeping ...	...	...	119	15	10
Cost of cart and harness repairs	...	...	13	6	0
<hr/>			<hr/>		
1939:—£223 1s. 1d.			£133	1	10

The income is:—

			£	s.	d.
Sale of Manure ...	...	...	0	16	0
Tip Hire ...	...	...	57	5	6
Nightsoil Hire ...	...	...	0	4	6
Hire to Surveyor ...	...	...	74	15	10
<hr/>			<hr/>		
			£133	1	10

#### Farm Account.

			£	s.	d.
Rates ...	...	...	5	1	3
Water Rates ...	...	...	2	4	3
Income Tax ...	...	...	6	6	10
Principal & Interest Repayment on Farm	94	6	8		
Rent of field (Edwards) ...	...	...	4	0	0
<hr/>			<hr/>		
1939:—£199 18s. 11d.			£101	19	0

The income is:—

			£	s.	d.
House Rent ...	...	...	26	0	0
Rent of land (Gash) ...	...	...	21	10	0
Rent of orchard (A. Smith) ...	...	...	3	0	0
<hr/>			<hr/>		
1939:—£65 10s. od.			£50	10	0

The cost of upkeep for a horse and cart for the year was therefore £62 10s. 11d., or £1 5s. 7d. per week, compared with £73 16s. 6d. and £1 8s. 4 $\frac{3}{4}$ d. respectively in 1939.

### Motors Account.

	Bedford 1.	Bedford 2.	Bedford 3.	Bedford 4.	Karrier.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Petrol . . . . .	118 0 9	88 1 3	121 14 6	90 0 1	10 9 6
Oil . . . . .	3 13 7	4 3 6	3 16 8	3 13 4	0 6 3
Drivers' Wages	171 18 9	188 2 8	272 7 2	283 5 1	13 0 3
Insurance . . .	7 0 3	7 0 3	7 0 3	7 0 3	—
Depreciation ..	25 0 0	25 0 0	50 0 0	50 0 0	—
Licences . . .	30 5 0	35 5 0	36 10 0	36 5 0	—
Repairs . . . .	27 10 2	34 5 7	21 18 2	5 2 9	—
Tyres . . . .	11 6 6	12 5 0	—	—	—
Garage Rent ..	3 5 0	3 5 0	3 5 0	3 5 0	—
Cleaning . . .	3 2 8	2 14 9	0 14 9	3 18 1	—
Sundries . . . .	0 17 0	0 17 4	0 17 0	0 17 0	—
	401 19 8	401 0 4	518 3 6	483 6 7	23 16 0

### Cost of refuse removed by motors:—

	Tons.	£ s. d.
The Bedford No. 1 removed	2,236	at a cost of 401 19 8
The Bedford No. 2 ,,	2,674	401 0 4
The Bedford No. 3 ,,	2,280	518 3 6
The Bedford No. 4 ,,	2,324	483 6 7
The Karrier ,,	204	23 16 0
	9,818	1,828 6 1
1939:	9,357	1,418 12 1

The wages of the loaders were £1,955 6s. 2d., which gives a figure of 7s. 8 $\frac{1}{2}$ d. per ton for collection, as compared with a figure of 6s. 8d. per ton for 1939.

### Trade Refuse Account.

641 Tons of trade refuse were collected at a cost of £106 5s. 10d. with loaders' wages at £125 3s. 4d., making a total of £231 9s. 2d., which gives a figure of 7s. 2 $\frac{1}{2}$ d. per ton for collection as compared with 7s. 8 $\frac{1}{4}$ d. in 1939. The income was £51 17s. 11d.

### House Refuse Disposal.

	£ s. d.
Wages on Tip ... ... ...	554 16 8
Drivers' Wages ... ... ...	172 8 4
Horse and Cart Hire ... ... ...	57 5 6

## Principal and Interest Repayment on

Leabrooks Tip	...	...	...	44	16	0
Income Tax	...	...	...	2	17	9
Rates	...	...	...	3	19	10
Sundries	...	...	...	5	11	10
				£841	15	11

1939:—£758 14s. 6d.

10,459 tons of refuse were disposed of at a cost of 1s. 7½d. per ton, as compared with 1s. 6½d. in 1939.

## Salvage Accounts.

				£	s.	d.
Wages	...	...	...	586	4	4
Water Rates	...	...	...	1	10	6
Lorry Hire	...	...	...	1	4	9
New Baling Press	...	...	...	19	11	0
Sundries	...	...	...	40	3	5
				£648	14	0

1939:—£338 19s. 4d.

The income was £1,168 8s., compared with £355 17s. 2d. in 1939.

## Nightsoil Collection and Disposal Account.

				£	s.	d.
Collection:—						
Loaders' Wages	...	...	...	636	11	1
Cart Drivers' Wages	...	...	...	0	9	6
Horse and Cart Hire	...	...	...	0	4	6
Lorry Hire	...	...	...	307	8	7
Disinfectant Powder	...	...	...	7	15	8
Sundries	...	...	...	3	8	4
				£955	17	8

1939:—£850 19s. 4d.

## Disposal:—

				£	s.	d.
Rent of Bullock Lane Tip	...	...	...	3	0	0
Wages	...	...	...	26	12	0
				£29	12	0

1939:—£14 14s.

923 Tons of nightsoil were collected at a cost of £1 os. 8½d. per ton and disposed of at 7¾d. per ton, giving a combined figure of £1 1s. 4¼d. per ton, as compared with 14s. 10½d. per ton in 1939.

### Combined Costing.

Collection of wet and dry refuse:—

	Tons.	£ s. d.
Motors	... ... 9,818 at a cost of	3,783 12 3
Nightsoil	... ... 923	" 955 17 8
Trade Refuse	... ... 641	" 231 9 2
	—	—
	11,382	4,970 19 1
1939:—	11,067	4,286 13 5

This gives a figure of 8s. 8¾d. per ton, as compared with 7s. 9d. per ton in 1939.

Disposal:—

	£ s. d.
Cost of dry refuse	... ... ... 841 5 11
Cost of wet refuse	... ... ... 29 12 0
	—
1939:—£773	8s. 6d. £870 17 11

This gives a figure of 1s. 6½d. per ton, as compared with 1s. 4¾d. in 1939.

### Salvage.

The various amounts of salvage collected and sold are as follows:—

	Tons.	Cwts.	Lbs.	£	s.	d.
Paper	... ... 149	14	72	676	12	11
Black Scrap	... ... 33	10	0	98	16	8
Destruetor Scrap	... ... 115	4	84	221	11	8
Other Serap	... ... 5	14	84	18	13	8
Aluminium	... ... 0	5	70	15	16	11
Copper	... ... 0	7	21	13	6	9
Brass	... ... 0	10	109	8	17	1
Zinc	... ... 0	1	60	0	9	7
Lead	... ... 0	13	60	7	4	9
Other Metals	... ... 0	1	55	6	6	9
Textiles	... ... 13	11	78	44	2	8
Cullett (broken glass)	24	9	56	18	16	4
Bones	... ... 3	5	0	9	14	3
Tyres and Tubes	2	8	35	1	17	6

8,235 Jars	...	3	7	0	...	14	5	6
6,522 Bottles	...	2	15	0	...	10	8	2
34 Accumulators	—			...		0	5	10
2 Pairs cycle wheels	—			...		0	15	0
12 Pairs old boots	—			...		0	6	0
		356	1	0		£1,168	8	0

Taking figures in 1932, the net expenditure was £4,208 6s. 2d., and in 1940 £4,336 14s. 5d., so that despite the increase of staff, wages and the new departure in Salvage collection and disposal, which I introduced many years before the war, the department's activities in cleansing are run at only a very slightly increased cost than when I took over the duties in 1932, bearing in mind the increased refuse which requires removing from the greater area which the Council now covers, also the increased work which the Army finds us, which is no mean achievement.

In conclusion, I have to thank the members of the Council and my colleagues for the help they have afforded me during the year.

I am,

Ladies and Gentlemen,

Your Obedient Servant,

CHARLES TINGLE.





